

# Work Order ID 56210

February 17, 2010 3:47:53 PM

Page 1

Item ID: D350-689-011

Revision ID:

Item Name: Dual High Back Seat

Start Date: 2/16/10 Start Qty: 2.00

Required Date: 2/26/10 Req'd Qty: 2.00

Reference:

Approvals: Process Plan:

QC:

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Run Start

Stop



Cust Item ID:

Customer:



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

DSI 9498

A

IIN-D350-689

A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D350-689-011 CHG003

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

Pull from stock:

1 x D350-689-011 B

1 x D350-689-011 B

D350-689-021 44405

03

# Work Order ID 56210

February 17, 2010 3:47:54 PM

Page 2

Item ID: D350-689-011

Accept

Revision ID:

Item Name: Dual High Back Seat

Start Date: 2/16/10 Start Qty: 2.00

Required Date: 2/26/10 Req'd Qty: 2.00

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

150

0.00



Large Fab

Memo

0.00

Modify D3017-041 back frame  
D3017-5 tube to be made from  
M4130N-T0750W083 B M113812 for  
per ECN10-504

Tube assembly  
≠ Back frame

EL 10-7-18

Pho →

160

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

Done on W/O 56376

BE

8 QC9 inspect weld

→ BE 10/02/22 (H)

165

0.00



Small Fab

Memo

0.00

Small Fab

disassemble if applicable

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: D350-689-011 PAR #: \_\_\_\_\_ Fault Category: Large Filler NCR: Yes No DQA: 1 Date: 10-03-01  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR: <u>56210</u>		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
<u>10/02/02</u>	<u>#150</u>	<u>During inspection it was found that the employee <del>scrap</del> scraped the D3021-011 tube when he was not supposed to. He replaced it with 0.75" x 0.83" wall thinking it was</u>	<u>[Signature]</u>	<u>- See Attached E-mails - Part accepted by Eng disposition.</u>	<u>N/A</u>	<u>[Signature]</u> <u>10-03-01</u>	<u>[Signature]</u> <u>[Signature]</u>	<u>[Signature]</u> <u>10-03-01</u>
		<u>He came as D3017-S. Also when making the replacement D3017-S tube the same employee drilled all 8 holes @ p.257. two holes should be at p.191" (centre holes).</u>	<u>[Signature]</u>					
		<u>R.C. Lack of Attention to details.</u>	<u>[Signature]</u>					

NOTE: Date & initial all entries

**Work Order ID 56210**

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Page 3

Item ID: D350-689-011

Accept

Revision ID:

Item Name: Dual High Back Seat

Setup Start

Stop

Start Date: 2/16/10 Start Qty: 2.00

Required Date: 2/26/10 Req'd Qty: 2.00

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

170

0.00



Powdercoat

Memo

0.00

Powder Coating

repowder coat if applicable

180

0.00



QC

QC3- Inspect Part Finish

Memo

0.00

Quality Control

190

0.00



Small Fab

Memo

0.00

Small Fab

re-assemble if applicable

Done on w/o 56376

W

# Work Order ID 56210

February 17, 2010 3:47:54 PM



Page 4

Item ID: D350-689-011

Accept



Setup Start



Revision ID:

Stop



Item Name: Dual High Back Seat

Start Date: 2/16/10 Start Qty: 2.00



Cust Item ID:

Required Date: 2/26/10 Req'd Qty: 2.00



Customer:

Reference:

Run Start



Approvals: Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

200

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

Done on  
2/10 56374

210

0.00



Packaging

Memo

0.00

Packaging

RE-PACKAGE PER PPP  
USING NEW B/N @ CHG 003  
ADD DSI 9498 TO PAPERWORK + DSI 9495

215

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

Remove D3808-041 + hardware

SB 10/02/25

# Work Order ID 56210

February 17, 2010 3:47:55 PM

Page 5

Item ID: D350-689-011

Revision ID:

Item Name: Dual High Back Seat

Start Date: 2/16/10 Start Qty: 2.00

Required Date: 2/26/10 Req'd Qty: 2.00

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

220

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

Accept



Setup Start



Stop



Cust Item ID:

Customer:



10/02/25

mf  
10-2-25

# Picklist Print

February 17, 2010 3:47:53 PM

Page 1

Work Order ID: 56210

Parent Item: D350-689-011

Parent Item Name: Dual High Back Seat

Comments: IPP Rev:B 03.05.09 Reformat; Modify Step 1 KJ/RF IPP Rev:C chg003 per  
DSI 9498 DD 10.02.11 verified by:JLM

Start Date: 2/16/10

Required Date: 2/26/10

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D350-689-011		Manufactured	No				Each	2.0000	2.0000			



Dual High Back Seat

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

FG

43511

50177

2

1

1

f

23.8300

1.5000

M4130NT0.750W.083

Purchased

No



4130 RD Tube .750 x.083W

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

MAT

113812

23.83

23.83

Cap. D3017-11

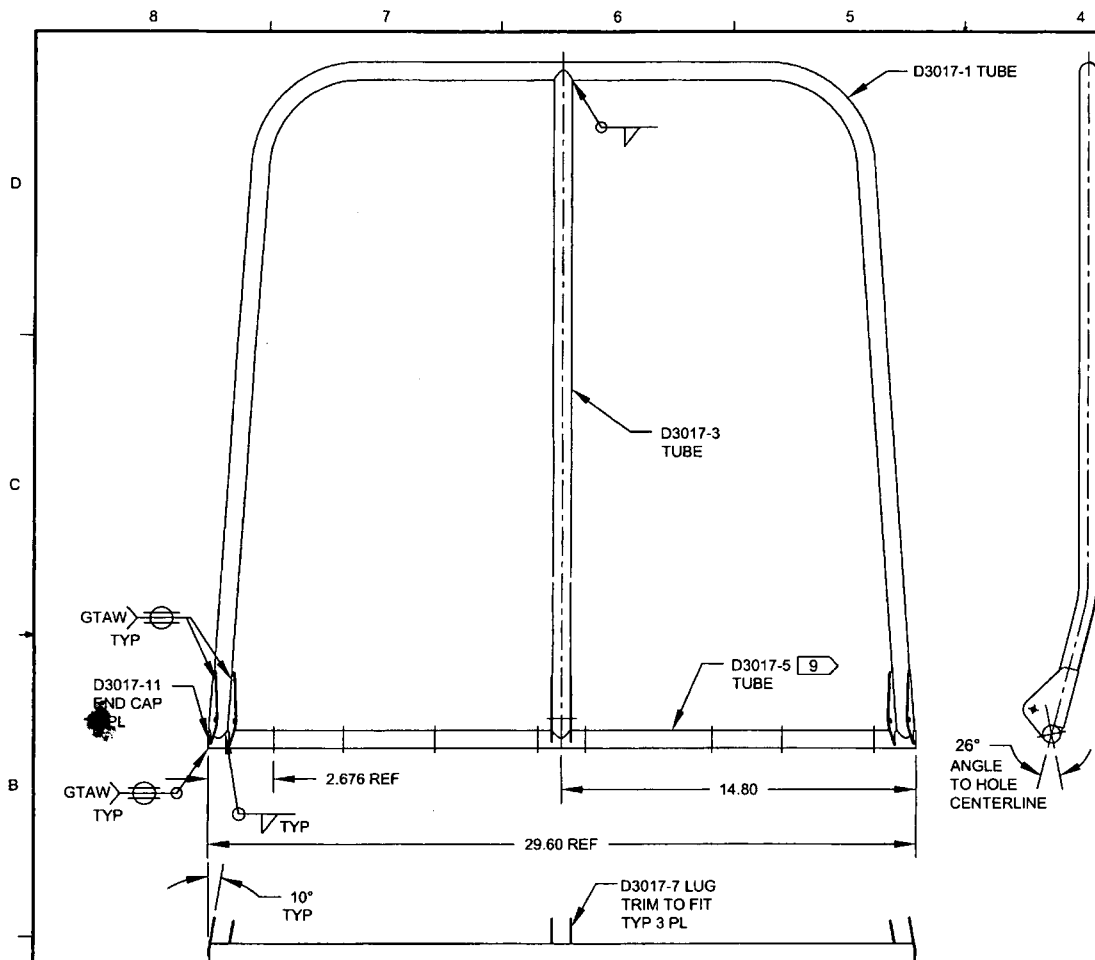
52583

4

10-02-25

EL 10-8-18

36"  
4.75"



**D3017-041 BACK FRAME ASSEMBLY**

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3017-041" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 4.50 lbs
- 8) WELD PER DART QSI 004
- 9) ROTATE SO THAT PILOT HOLES ARE ANGLED AS SHOWN IN END VIEW.

ITEM No.	QTY	PART NUMBER	DESCRIPTION
1	X	D3017-041	BACK FRAME ASSEMBLY
2	1	D3017-1	TUBE
3	1	D3017-3	TUBE
4	1	D3017-5	TUBE
5	3	D3017-7	LUG
6	2	D3017-11	END CAP

DRILL Ø0.128 HOLES TO LINE UP WITH D3023-1 BACK PANEL

**RELEASED**  
2010-02-02

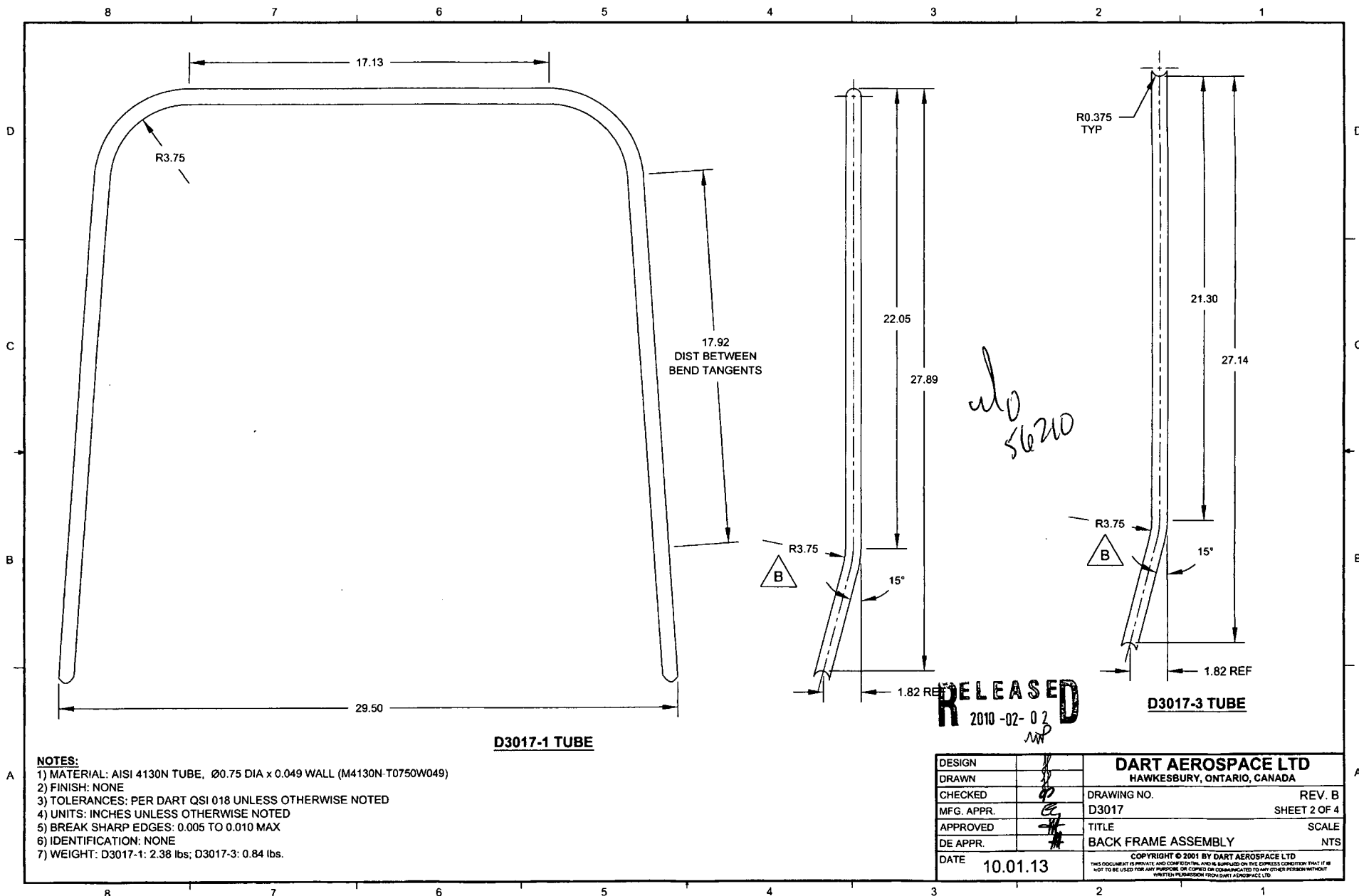
B	REFORMAT DWG, -5 TUBE WALL THKNS REVD (A8-3) SHEET 3 & 4 ADDED TO CLARIFY DRAWING. RADIUS CHANGED FROM R4.00 TO R3.75 (B4-2, B2-2). HOLE SIZE CHANGED FROM Ø0.191 TO Ø0.257 (C6-3, C3-3)	JPH	10.01.13
A	NEW ISSUE	CP	01.05.18
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.01.13		

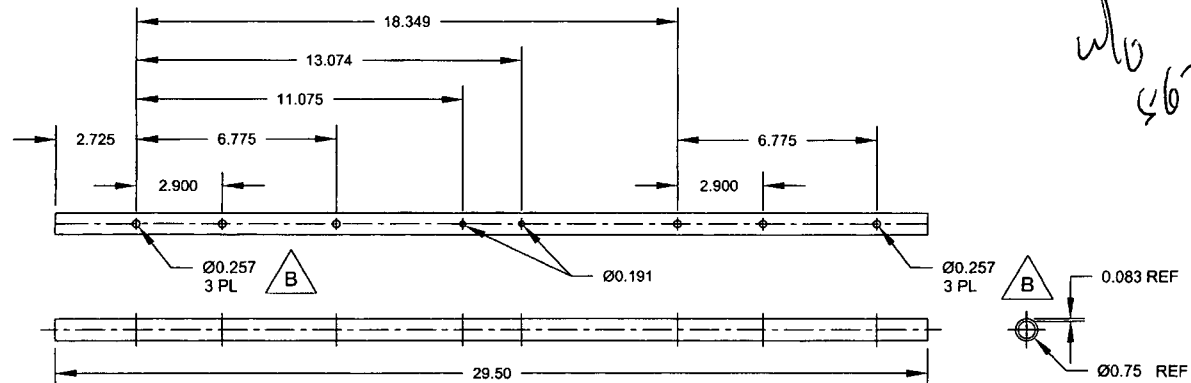
**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. REV. B  
D3017 SHEET 1 OF 4  
TITLE SCALE  
BACK FRAME ASSEMBLY NTS

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**D3017-5 TUBE**

**RELEASED**  
2010-02-02

**NOTES:**

- 1) MATERIAL: AISI 4130N TUBE, Ø0.75 DIA x 0.083 WALL (M4130N-T0750W083)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.89 lbs

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3017	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		BACK FRAME ASSEMBLY	NTS
DATE	10.01.13	<small>COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

8 7 6 5 4 3 2 1

D

D

C

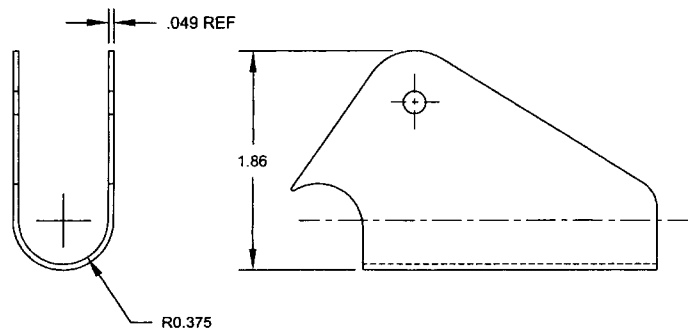
C

B

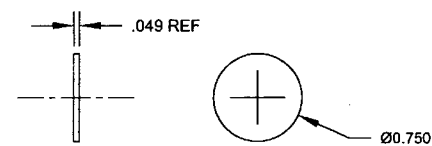
B

A

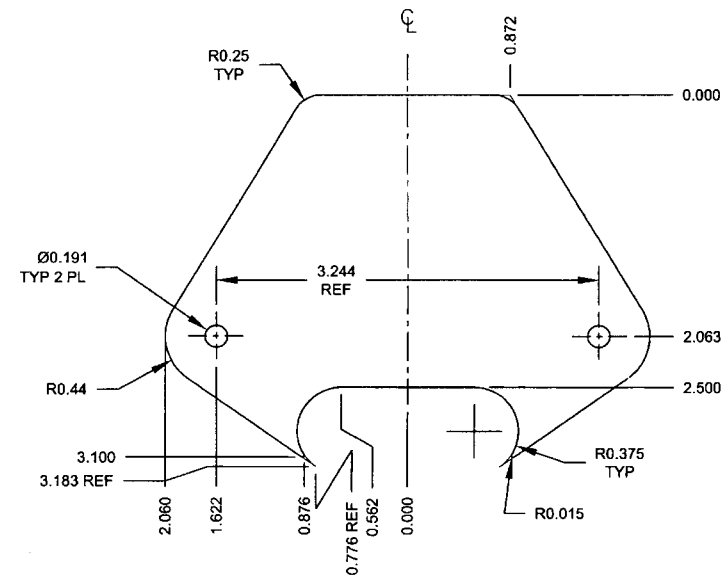
A



**D3017-7 LUG**  
BENDING DETAIL  
MAKE FROM D3017-7F



**D3017-11 END CAP**



**D3017-7F FLAT PATTERN**  
PART IS SYMMETRIC  
ABOUT CENTERLINE

*Wlo*  
*Slz210*

**RELEASED**  
2010-02-02  
*AM*

- NOTES:**
- 1) MATERIAL: AISI 4130N SHEET, 18 GAUGE (M4130N-S049)
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: -7: 0.12 lbs; -11: 0.01 lbs.

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3017	SHEET 4 OF 4
APPROVED		TITLE	SCALE
DE APPR.		BACK FRAME ASSEMBLY	NTS
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8 7 6 5 4 3 2 1

**L Lacelle**

---

**From:** Juan Hurtado [jhurtado@dartaero.com]  
**Sent:** February 22, 2010 12:59 PM  
**To:** 'Linda Lacelle'  
**Cc:** mpetsche@dartaero.com  
**Subject:** RE: 350 Dual High Back Seat

Hi Linda,

We will accept the deviation for this seat.

Mike, who can sign off the deviation? Should we forward it to Chris or can I sign it and have this email attached to the W.O?

**Juan Hurtado**  
**Design Engineer**

**DART** aerospace Ltd.

Tel: 613-632-5200 Ext. 229  
Fax: 613-632-9311  
E-mail: [jhurtado@dartaero.com](mailto:jhurtado@dartaero.com)  
Web: [www.dartaero.com](http://www.dartaero.com)



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---

**From:** Mike Petsche [mailto:mpetsche@dartaero.com]  
**Sent:** February 22, 2010 12:50 PM  
**To:** Juan Hurtado  
**Subject:** Re: 350 Dual High Back Seat

Ok go for it

Sent from my BlackBerry

---

**From:** "Juan Hurtado" <jhurtado@dartaero.com>  
**Date:** Mon, 22 Feb 2010 12:28:32 -0500  
**To:** <mpetsche@dartaero.com>  
**Subject:** RE: 350 Dual High Back Seat

The only visible change would be the bigger line of fasteners at the front. There isn't really anything to be fixed. The only problem would be weight. Fit and function have not changed. I believe we could sign off a deviation for this one if weight is not an issue.

**Juan Hurtado**  
**Design Engineer**

**DART** aerospace Ltd.

Tel: 613-632-5200 Ext. 229  
Fax: 613-632-9311  
E-mail: [jhurtado@dartaero.com](mailto:jhurtado@dartaero.com)

2/22/10

Web: [www.dartaero.com](http://www.dartaero.com)



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**From:** Mike Petsche [mailto:mpetsche@dartaero.com]

**Sent:** February 22, 2010 12:17 PM

**To:** Juan Hurtado

**Subject:** Re: 350 Dual High Back Seat

My preference would be to make it correctly. I'm not not fully visualizing the problem standing here. I don't care about the weight. In your opinion is it fixable?

Sent from my BlackBerry

---

**From:** "Juan Hurtado" <jhurtado@dartaero.com>

**Date:** Mon, 22 Feb 2010 11:31:25 -0500

**To:** <mpetsche@dartaero.com>

**Cc:** 'David Shepherd' <dshepherd@dartaero.com>; 'Linda Lacelle' <llacelle@dartaero.com>

**Subject:** RE: 350 Dual High Back Seat

To make it correctly as per drawing would mean basically scrapping this one and manufacturing a new seat.

**Juan Hurtado**

**Design Engineer**

**DART aerospace Ltd.**

Tel: 613-632-5200 Ext. 229

Fax: 613-632-9311

E-mail: [jhurtado@dartaero.com](mailto:jhurtado@dartaero.com)

Web: [www.dartaero.com](http://www.dartaero.com)



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**From:** Mike Petsche [mailto:mpetsche@dartaero.com]

**Sent:** February 22, 2010 11:26 AM

**To:** Juan Hurtado

**Cc:** David Shepherd; Linda Lacelle

**Subject:** Re: 350 Dual High Back Seat

And going back and making it correctly is not an option?

Sent from my BlackBerry

---

**From:** "Juan Hurtado" <jhurtado@dartaero.com>

**Date:** Mon, 22 Feb 2010 11:14:15 -0500

**To:** Petsche, Mike <mpetsche@dartaero.com>

**Cc:** 'David Shepherd' <dshepherd@dartaero.com>; 'L Lacelle' <llacelle@dartaero.com>

2/22/10

**Subject:** RE: 350 Dual High Back Seat

Good morning Mike,

Production has completed the rework on (1) Dual High Back Seat. Unfortunately there are some deviations:

1. D3017-5 (Main Junction): All holes were drilled for 1/4" fasteners. The drawing calls out for (6) 1/4" holes and (2) No. 10s
2. D3021-1 (Fwd tube on seat saddle): It was also changed to .083 thickness and all the holes were drilled to 1/4"
3. Everything has been reworked to 1/4": The seat frame and the Seat Pan.

This means this seat would be 0.56 lbs heavier for this deviation (weight analysis includes fasteners). I believe this is not a big deal.

The alternative is to manufacture a new D3021-1 tube with the proper wall thickness of 0.049" but the fasteners would still have to be 1/4" since everything else has been drilled. (for a total weight increase of 0.1 lbs).

Please let me know what you think and how to proceed

Thanks,

**Juan Hurtado**  
**Design Engineer**

**DART** aerospace Ltd.

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Fax: 613-632-9311

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**From:** L Lacelle [<mailto:llacelle@dartaero.com>]

**Sent:** February 22, 2010 7:53 AM

**To:** 'Juan Hurtado'

**Subject:** dual seat

Please come see me asap

Thank You,  
Linda Lacelle  
Production Manager  
Dart Aerospace Ltd

2/22/10

**L Lacelle**


---

**From:** David Shepherd [dshepherd@dartaero.com]  
**Sent:** February 25, 2010 2:14 PM  
**To:** 'L Lacelle'; mpetsche@dartaero.com; 'Juan Hurtado'  
**Subject:** RE: 350 Dual High Back Seat

Linda,

The deviations are acceptable ... frustrating, but acceptable.  
 Any idea why the manufactured seat is so different from the drawings.  
 It's like the guy who made it didn't even read the drawings.

David

---

**From:** L Lacelle [mailto:llacelle@dartaero.com]  
**Sent:** Thursday, February 25, 2010 12:01 PM  
**To:** mpetsche@dartaero.com; 'Juan Hurtado'  
**Cc:** 'David Shepherd'  
**Subject:** RE: 350 Dual High Back Seat  
**Importance:** High

I've been under the assumption that this was all good, now Eric D tells me the thing is still waiting eng approval. I've promised DHS that it would ship today, guess what, it's not. The one I've been following is a -021 seat...when can this get resolved?????????  
 LL

---

**From:** Mike Petsche [mailto:mpetsche@dartaero.com]  
**Sent:** February 22, 2010 11:26 AM  
**To:** Juan Hurtado  
**Cc:** David Shepherd; Linda Lacelle  
**Subject:** Re: 350 Dual High Back Seat

And going back and making it correctly is not an option?

Sent from my BlackBerry

---

**From:** "Juan Hurtado" <jhurtado@dartaero.com>  
**Date:** Mon, 22 Feb 2010 11:14:15 -0500  
**To:** Petsche, Mike<mpetsche@dartaero.com>  
**Cc:** 'David Shepherd'<dshepherd@dartaero.com>; 'L Lacelle'<llacelle@dartaero.com>  
**Subject:** RE: 350 Dual High Back Seat

Good morning Mike,

Production has completed the rework on (1) Dual High Back Seat. Unfortunately there are some deviations:

1. D3017-5 (Main Junction): All holes were drilled for 1/4" fasteners. The drawing calls out for (6) 1/4" holes and (2) No. 10s
2. D3021-1 (Fwd tube on seat saddle): It was also changed to .083 thickness and all the holes were drilled to 1/4"

2/25/10

3. Everything has been reworked to ¼": The seat frame and the Seat Pan.

This means this seat would be 0.56 lbs heavier for this deviation (weight analysis includes fasteners). I believe this is not a big deal.

The alternative is to manufacture a new D3021-1 tube with the proper wall thickness of 0.049" but the fasteners would still have to be ¼" since everything else has been drilled. (for a total weight increase of 0.1 lbs).

Please let me know what you think and how to proceed

Thanks,

**Juan Hurtado**  
**Design Engineer**

**DART** aerospace Ltd.

Tel: 613-632-5200 Ext. 229

Fax: 613-632-9311

E-mail: [jhurtado@dartaero.com](mailto:jhurtado@dartaero.com)

Web: [www.dartaero.com](http://www.dartaero.com)



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---

**From:** L Lacelle [mailto:[llacelle@dartaero.com](mailto:llacelle@dartaero.com)]

**Sent:** February 22, 2010 7:53 AM

**To:** 'Juan Hurtado'

**Subject:** dual seat

Please come see me asap

Thank You,  
Linda Lacelle  
Production Manager  
Dart Aerospace Ltd

No virus found in this incoming message.

Checked by AVG - [www.avg.com](http://www.avg.com)

Version: 8.5.435 / Virus Database: 271.1.1/2709 - Release Date: 02/25/10 07:34:00

2/25/10





Item ID: D350-689-021

Revision ID:

Item Name: Dual High Back Seat, LH

Start Date: 2/22/10 Start Qty: 1.00

Required Date: 3/01/10 Req'd Qty: 1.00

Reference:

Accept



Setup Start

Stop



Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

111



Large Fab

Large Fab

Memo

0.00

MODIFY D3017-041 BACK FRAME.

D3017-5 TUBE TO BE MADE FROM M4130N-T750W083 B ~~100015~~ 100015

PER ECN 10-504 DSI9498

EL 10-2-23

112



QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

→ 8/10/23

Memo

0.00

QC9 inspect weld.  
8/10/23

→

BE 10/02/23

113



Small Fab

Small Fab

Memo

0.00

RE-ASSEMBLE IF APPLICABLE

0.00

P10 →

8/10/23/24 @

56376

PROCEDURE CHANGE			By	Date	Qty	Chief Eng / Prod Mgr	QC Inspector
DATE	STEP						
	112.1	Re Powder coat all Parts Grey Sander Per Q57005 Start time 2:45pm Fin time 3:15pm Temp. 320°F	JA	10/02/23	(X1)		S 10/02/23
	112.2	QC3 inspect Powder coat. M112588	BR	10-02-23	①		
	113.1	QC5 inspect reassembly.	S	10/02/24	④		S 10/02/23

Part No: D350-689-021 PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

H:\FORMS\Quality Assurance\approved QAINCRWO RevE

# Work Order ID 56376

February 22, 2010 10:03:05 AM

Item ID: D350-689-021

Revision ID:

Item Name: Dual High Back Seat, LH

Start Date: 2/22/10 Start Qty: 1.00

Required Date: 3/01/10 Req'd Qty: 1.00

Reference:

Approvals: Process Plan:

QC:

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Setup Start

Stop

Run Start

Stop

Sequence ID/  
Work Center ID

114



Powdercoat

Powder Coating

Operation  
Description

M112088

Memo

RE-POWDER COAT IF APPLICABLE

Set Up/  
Run Hours

0.00

0.00

Start time

8:30 AM

Fin time

3:20 PM

Temp

9.00 AM

0.00

QC3- Inspect Part Finish

0.00

Memo

115



QC

Quality Control

120



QC

Quality Control

QC4- 100% Inspect kits for completeness

0.00

ensure original parts are correctly at updates to kit.

Memo

0.00

002

0.00/25

Pto

Aerospace Ltd

# WORK ORDER CHANGES

W/O: 56376

## PROCEDURE CHANGE

DATE	STEP	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspe
		013	10/10/05	1		S 10/10/05
	#116 → Assemble Part to Finished Duty. #117 → QCS inspect Finish Part	S	10/12/05	20		S 10/12/05
	118 Pick Kit.		10/14/05			S 10/14/05

Part No: D350-689-021

PAR #:

Fault Category:

NCR: Yes No DQA:

Date:

QA: N/C Closed:

Date:

Resolution:

## WORK ORDER NON-CONFORMANCE (NCR)

NCR:		Description of NC Section A	Corrective Action Section B		Sign & Date	Verification Section C	Approval Chief Eng	Approval QC
DATE	STEP		Initial Chief Eng	Action Description Chief Eng				

NOTE: Date & initial all entries

Quality Assurance approved QAINCRWO RevE

# Work Order ID 56376

February 22, 2010 10:03:05 AM

Item ID: D350-689-021

Revision ID:

Item Name: Dual High Back Seat, LH

Start Date: 2/22/10 Start Qty: 1.00

Required Date: 3/01/10 Req'd Qty: 1.00

Reference:

Approvals:

Process Plan:

QC:

Sequence ID/  
Work Center ID

130



Packaging

Packaging

140



QC

Quality Control

Accept

Cust Item ID:

Customer:

Setup Start

Stop

Run Start

Stop

Date:

Tooling:

Date:

Date:

SPC (Y/N):

Date:

Set Up/  
Run Hours

0.00

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Operation  
Description

Packaging

0.00

Memo

Identify and pack for shipping as per PPP D350-689-021 CHG002  
USING NEW B/N  
ADD DSI 9498 TO PAPERWORK & DSI 9445  
Location: \_\_\_\_\_  
PPP Rev: \_\_\_\_\_

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

*1/11/20* *U*

*10/02/25* *HJ*

*MF*  
*10-2-25*

# Picklist Print

February 22, 2010 10:03:03 AM

Work Order ID: 56376

Parent Item: D350-689-021

Parent Item Name: Dual High Back Seat, LH

Comments: IPP Rev:A 08-12-23 new issue DD verified by: LL 08.12.24 IPP  
Rev:B chg002 DD 10.02.12 verified by:JLM

Start Date: 2/22/10

Start Qty: 1.00

Required Date: 3/01/10

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure Each	Qty on Hand 1.0000	Remaining Qty To Pick 1.0000	Qty Issued	Date Issued	Status
D350-689-021		Manufactured	No									



Dual High Back Seat, LH

## Warehouse

### Location

Main Warehouse

FG

44405

## Loc Qty

1

1

f

## Loc Code

23.8300

1.5000



1

EL

10-2-23

M4130NT0.750W.083

Purchased

No



4130 RD Tube .750 x.083W

## Warehouse

### Location

Main Warehouse

MAT

113812

## Loc Qty

23.83

23.83

## Loc Code

2.5

cap. D3017-11

MS20600AD4W2

MS20600AD4W3

~~MS20600AD4W3~~

52583

M111359

M106375

x2

(40x)

(6x)

EL 10-2-23

EP510/02/24

EP510/02/24